



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
Minerals & Mining Program - Oil & Gas Section
2060 West Main, Suite #1, Rapid City, SD 57702-2493
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FORM 2

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DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RCRO

APPLICATION FOR PERMIT TO DRILL

Type of work:

☐ Drill New Well ☒ Re-enter Well ☐ Drill Directional Well
☐ Other _____

Type of well:

☒ Oil Well ☐ Gas Well ☐ Injection
☐ Other _____

Name and Address of Operator:

Continental Resources, Inc P.O. Box 1032, Enid, OK 73702

Telephone
(580) 233-8955

Name and Address of Surface Owner:

Clarkson & Company P.O. Box 184, Buffalo, SD 57720

Name and Address of Drilling Contractor and Rig Number:

J&R Well Service 791 Land 9, Powell, WY 82435

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

SHL 660' FSL & 1980' FEL, SWSE, Sec 7-21N-4E

If Directional, top of pay and bottom hole location from nearest lines of section:

#1 2250' FSL & 350' FEL, NESE, Sec 7-21N-4E #2 450' FSL & 1000' FWL, SWSW, Sec 7-21N-4E

Acres in Spacing (Drilling) Unit

7675.65

Description of Spacing Unit

Buffalo Red River Unit

Well Name and Number

BRRU 34-7H

Elevation

3098' GL

Field and Pool, or Wildcat

Buffalo

Proposed Depth and Formation

#1 10,900' MD/#2 10,900' MD
Red River "B"

Size of Hole

1) 12 1/4
2) 7 7/8
3)
4)

Size of Casing

8 5/8
4 1/2

Weight per Foot

24
11.6 & 13.5

Depth

1524'
8622'

Cementing Program (amount, type, additives)

780 sks
1150 sks

Depth

DV @ 5846'

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

Well laterals will be drilled out of existing 4 1/2" casing by cutting a northwest facing window at least 10' below the Gunton formation located at 8439-8480', landing in the Red River "B" porosity at 8593-8606'. Out of this window one lateral will turn to the northeast and one to the southwest to the bottom hole locations as shown on the attached maps. We will be using closed circulating system with cuttings being hauled to a state approved facility. No pit liner will be used.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Becky Barnes
Signature

Becky Barnes

Name (Print)

Regulatory Comp

Title

11/16/2006

Date

FOR OFFICE USE ONLY

Approved By:

[Signature]

Title: Oil and Gas Supervisor

Permit No. 1805

API No. 40 063 20314.01

Date Issued: December 1, 2006

Conditions, if any, on attached page.